FISHCPR (Fish <u>Catch</u>, <u>Photo</u>, <u>Release</u>) Highly Migratory Species Catch and Release Smartphone App

NOAA Fisheries, Southwest Fisheries Science Center 8901 La Jolla Shores Dr., La Jolla CA, 92037-1508



The Southwest Fisheries Science Center (SWFSC) Highly Migratory Species (HMS) group's cooperative research efforts includes collecting movement and migration data and compiling catch, tagging, and recapture statistics for numerous large pelagic fish species including sharks, tunas

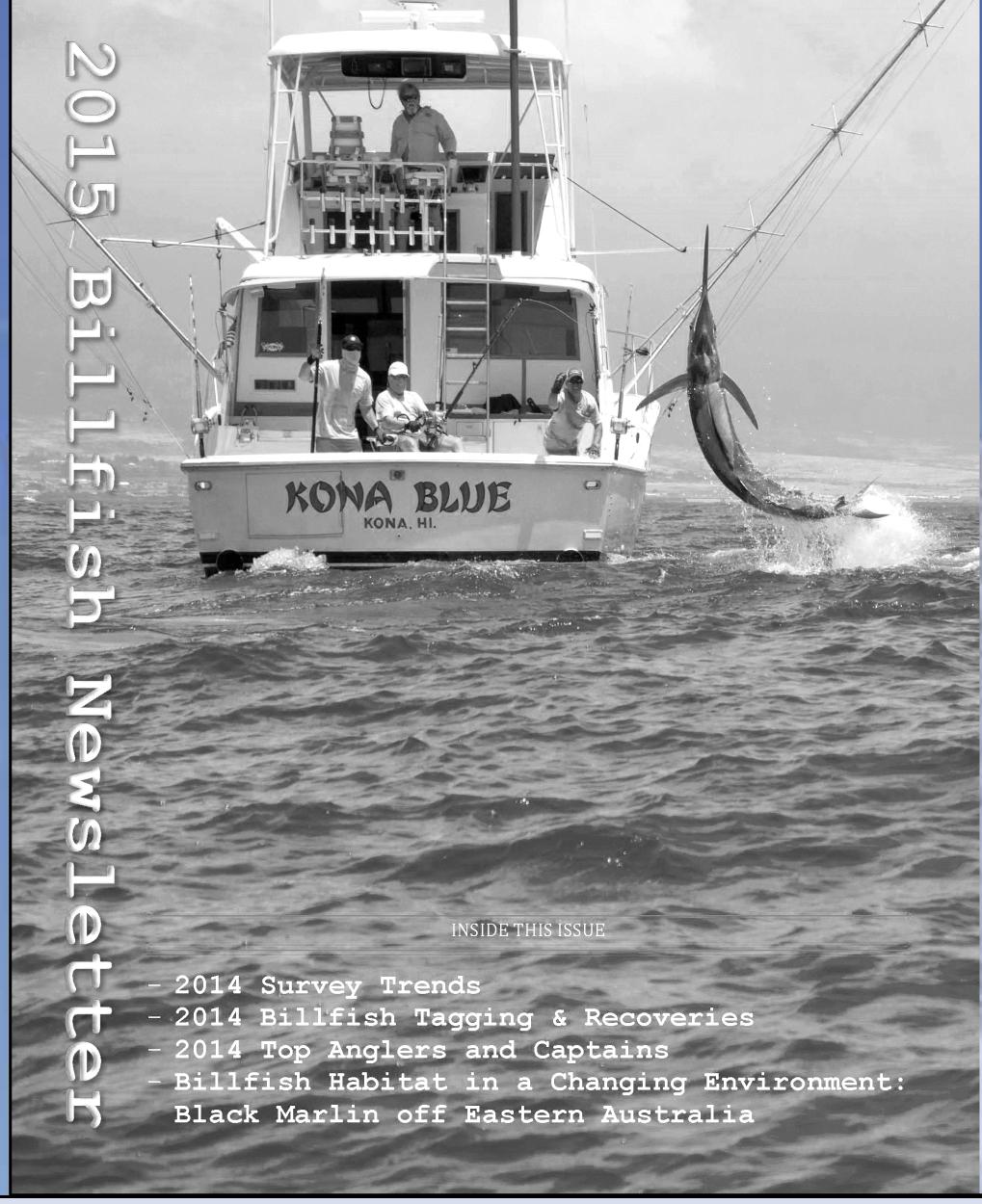
Step 1

and billfish.

New technology is being developed for the collection and dissemination of HMS recreational catch and release data with a focus on anglers fishing off the West Coasts of the U.S. and Mexico, and in Hawaii. A mobile app is under development for Apple and Android operating systems. It that will replace the current recreational billfish tag reporting methods – postage paid cards, and also allow anglers to report shark and tuna catch and release. This will greatly reduce printing and postage costs, automate data collection and reduce errors.



Step 2

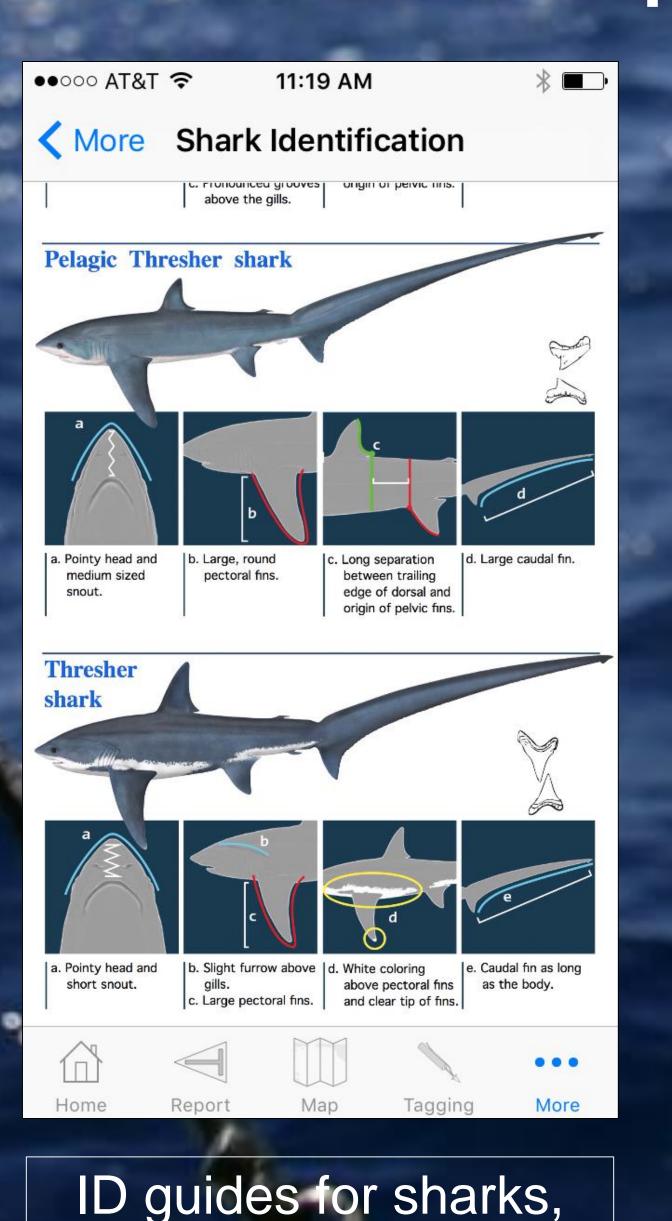


Several webpages are also concurrently being developed under this project, which will promote the mobile app, share catch information and photos submitted by cooperative anglers, and disseminate HMS surveys, reports and summaries; further reducing SWFSC program costs.

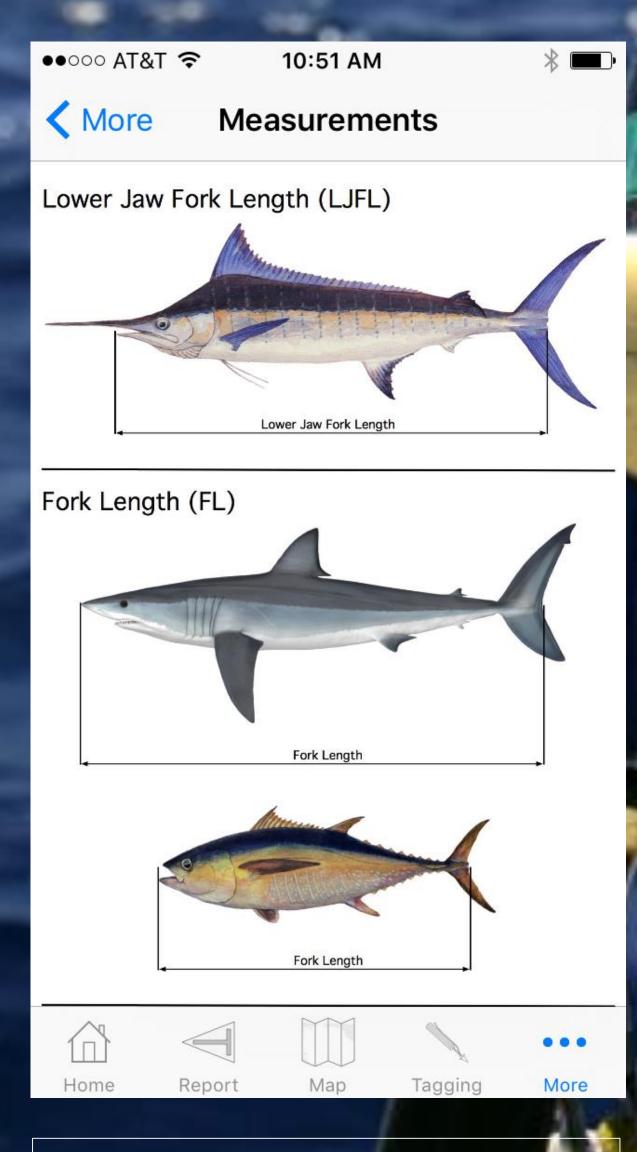
Step 3

●●○○○ AT&T **令**

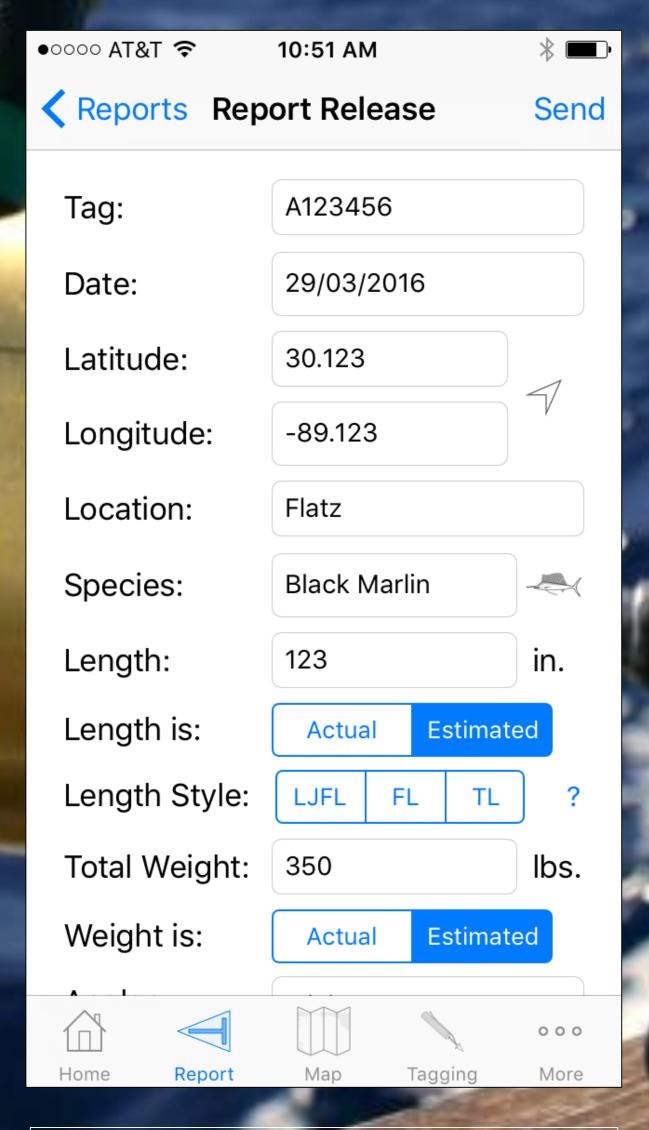
MOBILE APP PAGES AND FUNCTIONS



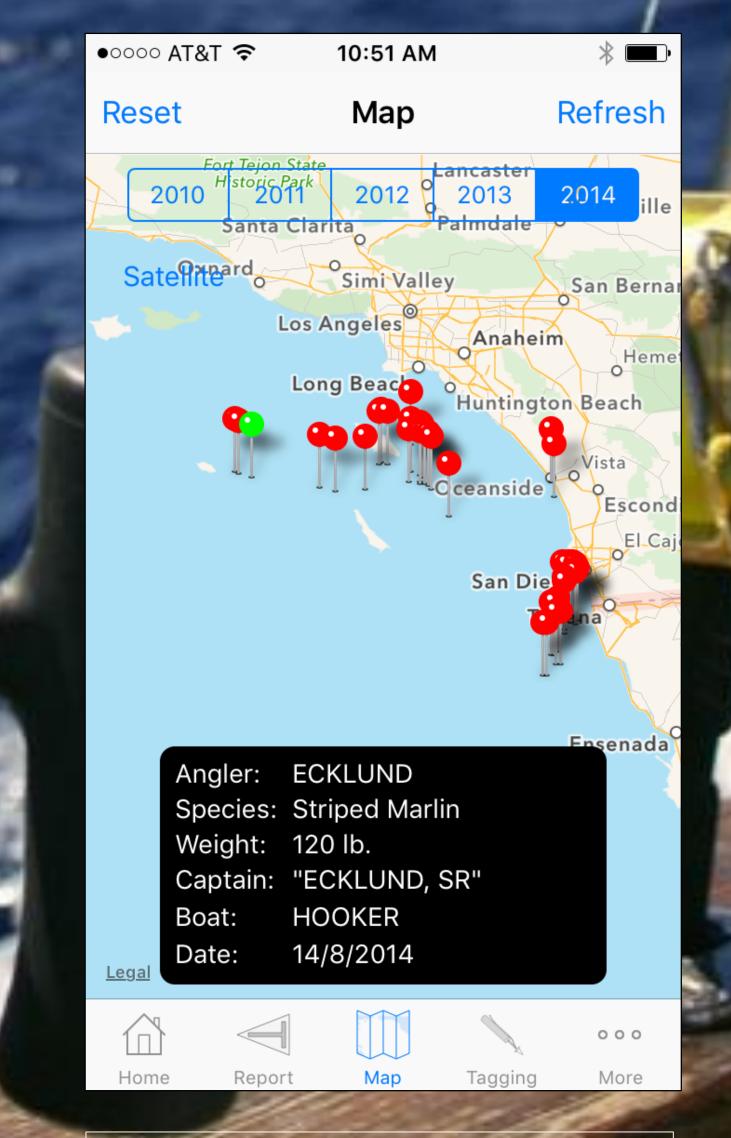
tunas and billfish



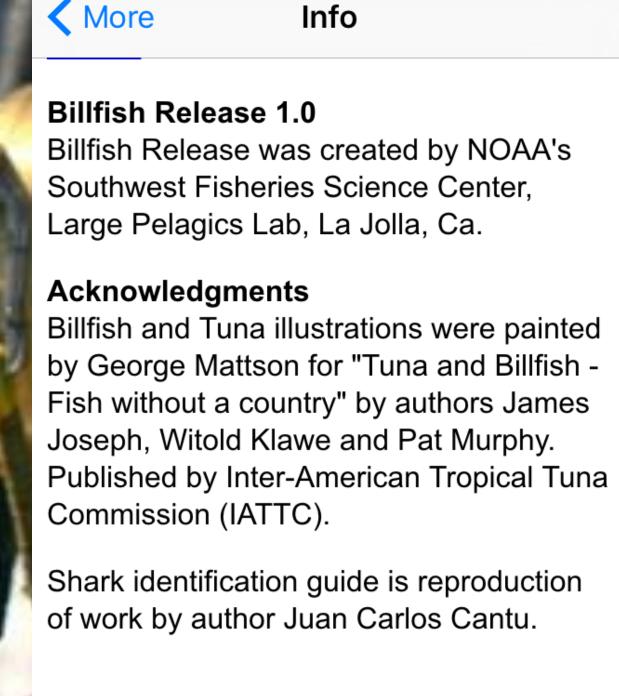
Measurement guides for sharks, tunas and billfish



Separate report and recapture pages with fillable fields and dropdown menus



Interactive map with release information by year



1:44 PM





App version and acknowledgements